

Title (en)
Silicone grease compositions

Title (de)
Silikonfett-Zusammensetzung

Title (fr)
Composition de graisse de silicone

Publication
EP 1600494 B1 20180829 (EN)

Application
EP 05253144 A 20050520

Priority
• JP 2004151706 A 20040521
• JP 2004299616 A 20041014

Abstract (en)
[origin: EP1600494A1] A silicone grease composition is provided comprising (A) 2-40% by weight of an organopolysiloxane having a kinematic viscosity of 50-500,000 mm²/s at 25 DEG C, and (B) 60-98% by weight of at least one heat conductive filler selected from among metal powders, metal oxide powders and ceramic powders having a thermal conductivity of at least 10 W/m DEG C and an average particle size of 0.1-15.0 μ m. Coarse particles are removed such that a 500-mesh oversize fraction is not more than 50 ppm and a 325-mesh oversize fraction is substantially zero.

IPC 8 full level
C10M 111/04 (2006.01); **C08L 83/04** (2006.01); **C10M 169/02** (2006.01)

CPC (source: EP KR US)
C08L 83/04 (2013.01 - EP US); **C10M 105/76** (2013.01 - KR); **C10M 107/50** (2013.01 - KR); **C10M 111/04** (2013.01 - EP US); **C10M 169/02** (2013.01 - EP KR US); **C10M 2201/05** (2013.01 - EP US); **C10M 2201/053** (2013.01 - EP US); **C10M 2201/062** (2013.01 - EP US); **C10M 2201/0623** (2013.01 - EP US); **C10M 2201/10** (2013.01 - EP US); **C10M 2201/1006** (2013.01 - EP US); **C10M 2229/0405** (2013.01 - EP US); **C10M 2229/0415** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/06** (2013.01 - EP US); **C10N 2020/01** (2020.05 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2040/14** (2013.01 - EP US)

Cited by
EP1985691A1; JP2012052137A; EP2194581A1; EP2565160A4; EP1803798A3; CN103923463A; US8017684B2; WO2010127215A1; US7786056B2; JP2007177001A

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 05253144 A 20050520; KR 20050042314 A 20050520; TW 94116167 A 20050518; US 13333905 A 20050520